

# Automated Diagnostics for Wind Tunnel Condition-based Maintenance

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# Overview

- The objective of the automated diagnostics task in CBM1 is to integrate the analysis of vibration and process parameters in determining the health of the 12FT PWT makeup air compressor.
- Three activities will be reviewed in this section
  - The rule-based vibration monitoring system
  - The dependency model and diagnosis strategy
  - Implementation and integration with the Solartron via the User Function Module

# Software Architecture

